

1104-57-191

Jianfeng Lin* (linjian5477@gmail.com), 3777 Mentone Apt 411, Los Angeles, CA 90034.

Pin(2)-equivariant KO-theory and intersection forms of spin four-manifolds.

In this talk, I will explain how to apply $\text{Pin}(2)$ -equivariant KO-theory on the Seiberg-Witten Floer spectrum to obtain new 3-manifold invariant and get new constrains on the intersection form of a spin 4-manifolds (closed or with boundary). (Received September 01, 2014)